

REMARKS

Status of case

Claims 28-33 are currently pending in this case. Claims 31-33 have been newly added.

Rejection under 35 U.S.C. § 102

Claims 28-30 were rejected under 35 USC 102(e) as being anticipated by Karczewicz et al. (US 2004/0066974).

Karczewicz qualifies as prior art against the present invention under 35 U.S.C. §102(e). Karczewicz was filed in the Office on October 3, 2002. On the other hand, the present application was filed on October 8, 2003, which claim priority to Japanese Patent Application No. JP 2002-295,429 filed in Japan on October 8, 2002.

Attached to this Response are copies of: (1) the response submitted on August 21, 2009 in co-pending Application No. 12/191,563 in response to the Office Action mailed May 26, 2009, which cited Karczewicz; (2) the certified translation of JP 2002-295,429 submitted with the response; and (3) the 131 declaration by the inventors and Exhibits A-H submitted with the response to swear behind the effective date of Karczewicz.

The submitted certified translation of JP 2002-295,429 perfects the priority date of October 8, 2002.

Applicant believes that the submitted 131 declaration, along with the Exhibits, establishes the reduction of the present invention to practice by the inventors of the present application prior to the effective date of Karczewicz, October 3, 2002. More specifically, Exhibit A explains the claim limitations regarding:

(1) entropy-decoding the coded picture data to derive the strings of entropy-decoded transform coefficients;

(2) combining the shorter strings of entropy-decoded transform coefficients back into the single string of entropy-decoded transform coefficients; and

(3) performing an inverse orthogonal transform on the single string of entropy-decoded transform coefficients in order to reproduce the matrix of image signal;

(4) wherein the coded picture data comprises entropy-coded data representing strings of sixteen (16) transform coefficients obtained by interleaving, from a lower frequency coefficient, sixty four (64) transform coefficients of an orthogonally transformed 8x8 block to produce four (4) strings of sixteen (16) transform coefficients,

(5) wherein entropy-decoding the coded picture data comprises entropy-decoding the entropy-coded data of the respective strings of sixteen (16) transform coefficients,

(6) wherein combining the shorter strings of entropy-decoded transform coefficients comprises de-interleaving, from a lower frequency coefficient, sixty four (64) transform coefficients from the four (4) strings of sixteen (16) transform coefficients to reconstruct the single string consisting of the sixty four (64) transform coefficients of the orthogonally transformed 8x8 block, and

(7) wherein performing an inverse orthogonal transform comprises performing an inverse orthogonal transform on the sixty four (64) transform coefficients of the orthogonally transformed 8x8 block.

Alternatively, the submitted 131 declaration and the Exhibits establish the conception of the invention by the inventors prior to the effective date of Karczewicz and continuous efforts by the inventors to file JP 2002-295,429 till the filing date thereof.

Since Applicants have established prior invention, Karczewicz is now overcome. Withdrawal of the rejection based on Karczewicz is respectfully requested.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Tadashi Horie', is written over a horizontal line.

Tadashi Horie
Registration No. 40,437
Attorney for Applicant

BRINKS HOFER GILSON & LIONE
P.O. BOX 10395
CHICAGO, ILLINOIS 60610
(312) 321-4200